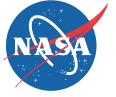




Human Factors

research and technology division



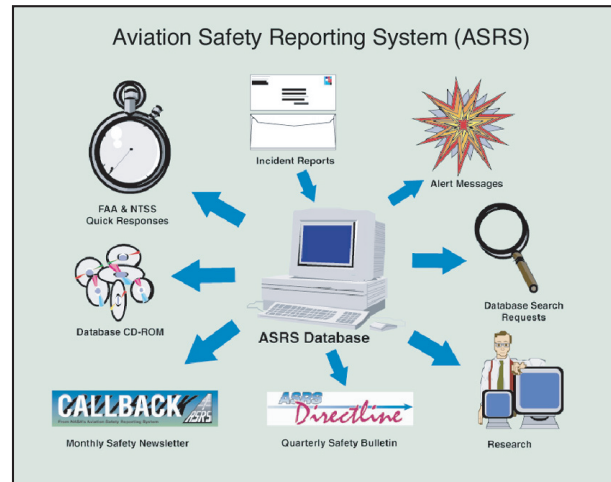
Aviation Safety Reporting System (ASRS)

Objective

The ASRS collects, analyzes, and responds to voluntarily submitted aviation safety incidents in order to lessen the likelihood of aviation accidents. ASRS data are used to identify deficiencies and discrepancies in the National Aviation System so that remedies can be effected by the appropriate operational authorities.

Approach

Pilots, air traffic controllers, cabin crew, mechanics, and other aviation personnel submit reports to the ASRS. The reports are held in strict confidence and analyzed to identify aviation hazards, system discrepancies, and create the ASRS database for use as a human factors and operational data resource for planning and improvements to the aviation system.



Impact

Since 1976, the ASRS has processed over 500,000 reports and issued over 3,000 safety alert messages. Constructive safety changes have been realized utilizing these data in numerous avenues. ASRS has conducted and published 56 research studies. The ASRS database remains the largest repository of aviation safety incidents in the world. The ASRS has served as a model for voluntary reporting systems in a number of safety endeavors.

POC: Linda Connell

URL: <http://asrs.arc.nasa.gov/>

